

**SYSTEM AND METHOD FOR SATELLITE-BASED TRANSMISSION OF VOICE
SIGNALS USING AN OTHERWISE DEDICATED WIRELESS CHANNEL**

ABSTRACT OF THE DISCLOSURE

5 In a wireless communication system (20) configured for
default communication of subsectional signals of a first
transmit signal (72/73) over multiple wireless channels (46), a
signal selector (82) and method (138) detect an intent to
convey a voice signal (86) over one of the wireless channels
10 (46) from a handset (58). The signal selector (82) and method
(138) prevent communication of one of the subsectional signals
(72A) over the wireless channel (46) for a predetermined
interval, and enable a transmission attempt of the voice signal
(86). When a complete dialed digits sequence is detected
15 within the time interval, the handset (58) is enabled to
utilize the wireless channel. However, when a transmission
attempt of the voice signal (86) is unsuccessful or when
transmission of the voice signal (86) terminates, the signal
selector (82) and method (138) restore default communication of
20 subsectional signals of the first transmit signal (72/73).